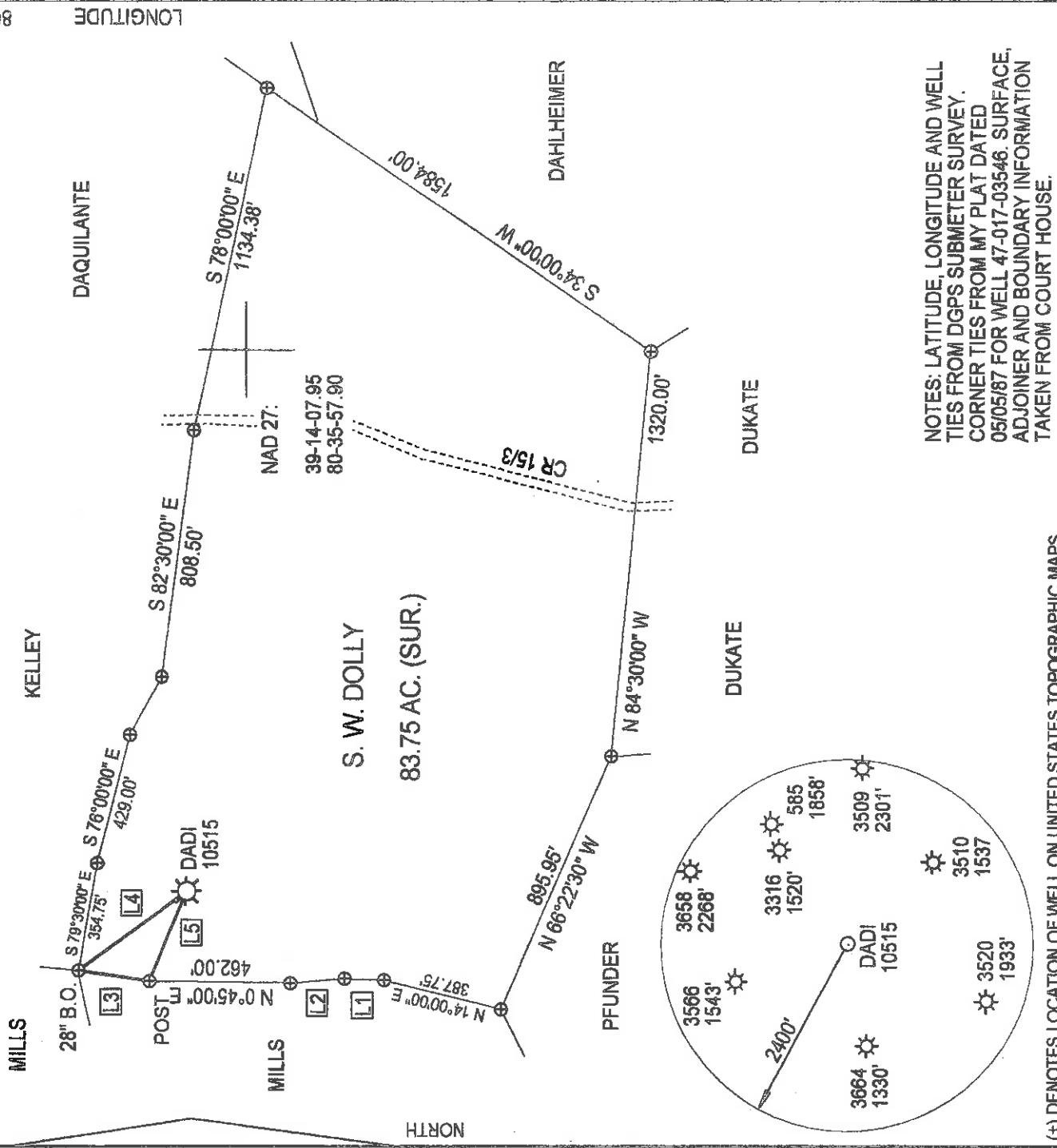


Id	Bearing	Distance
L1	N 2°30'00" E	125.40'
L2	N 4°30'00" W	176.55'
L3	N 8°30'00" E	230.62'
L4	S 36°13'41" E	435.88'
L5	N 67°02'55" W	316.77'

NAD 27 WW NORTH SPC: 39-15-00
 DADI 10515 = 269,804.77' SCALED COOR.:
 1,688,588.05' 4,560' WEST
 5,270' SOUTH

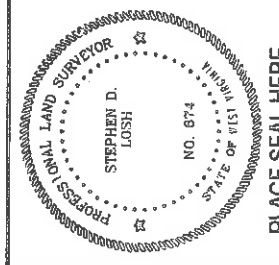


NOTES: LATITUDE, LONGITUDE AND WELL TIES FROM DGPS SUBMETER SURVEY. CORNER TIES FROM MY PLAT DATED 05/05/87 FOR WELL 47-017-03546. SURFACE, ADJOINER AND BOUNDARY INFORMATION TAKEN FROM COURT HOUSE.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: DADI10515.PCS
 SCALE: 1" = 500'
 MINIMUM DEGREE OF ACCURACY: _____ SUBMETER
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY
 SUBMETER SYSTEM _____

I, THE UNDERSIGNED, HEREBY STATE THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.



(SIGNED) _____
 STEPHEN D. LOSH, P.S. #674
 PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 26143-2506
 FORM WVN-6

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: MAY 22, 2009
 OPERATORS WELL NO.: DADI 10515
 API WELL NO. _____

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____ CBM _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1181.80' WATERSHED ELDERCAMP RUN
 DISTRICT GREENBRIER COUNTY _____
 QUADRANGLE BIG ISAAC COUNTY DODDRIDGE

SURFACE OWNER STEPHEN W. DOLLY LEASE NUMBER _____
 OIL & GAS ROYALTY OWNER PENNZOIL - WHITE ACREAGE 83.75 (07-13)
 LEASE ACREAGE 83.75

PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION _____
 PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION GORDON GANTZ PLUG & ABANDON _____ CLEAN OUT & REPLUG _____
 WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. ESTIMATED DEPTH 2968'
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 DESIGNATED AGENT RODNEY BIGGS

COUNTY NAME 0000 PERMIT 3546 F

Zinnia 6-6

JUN 17 2009

AB 5/21/87

LATITUDE 39°15'00" LONGITUDE 80°35'00" 45.40' 53.20'

WELL REFERENCES:
S37°W, 131.50' TO 3" ELM
N67°E, 123.50' TO 3" TWIN HICK.

JONES KELLEY DAQUILANTE

28" 3. OAK
N07°37'E 33.75'
S37°07'E 45.88'
POST
N67°56'W 16.77'
S-665
NO. 3
4.62'

1.0053
0.85

MILLS
DAVID C. PUTH, et. al.
83.746 AC.

NORTH

STONEBROOK, INC.

PFUNDER
DUKATE

STONEWALL PRIM
1522 NO. 1

585(16) 2260'
3316(25) 1522'
3509(25) 2280'

S-665
NO. 3
2400'

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF _____
ACCURACY 1 in 200
PROVEN SOURCE OF _____
ELEVATION TOP OF KNOB 1000' SLY.
OF LOCATION ELEV. - 1288'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.
(SIGNED) *Stephen D. Losh*

R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH

PLACE SEAL HERE



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

DATE MAY 05 19 87
OPERATOR'S WELL NO. S-665
API WELL NO. PUTH NO. 3

47-017-3546
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1179' WATERSHED ELDERCAMP RUN
DISTRICT GREENBRIER COUNTY DODDRIDGE
QUADRANGLE BIG ISAAC 75 m.m. 252 123 N.E. 2 VADIS
SURFACE OWNER DAVID C. PUTH, et. al.
OIL & GAS ROYALTY OWNER PENNZOIL - WHITE LEASE NO. 1721
LEASE ACREAGE 83.746

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION ALEXANDER/BENSON ESTIMATED DEPTH 5650'
WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT
ADDRESS P.O. BOX 112 774 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

JUN 1 1987

6-6 Zinnia (45)



RECEIVED
OCT 16 1987

State of West Virginia

DEPARTMENT OF ENERGY
Oil and Gas Division

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

Date September 23, 1987
Operator's Well No. S-665 David Puth #3
Farm David Puth #3
API No. 47 - 017 - 3546

WELL TYPE: Oil / Gas x / Liquid Injection / Waste Disposal /
(If "Gas," Production x / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1179 Watershed Eldercamp Run

District: Greenbrier County Doddridge Quadrangle Big Isaac

COMPANY Scott Oil Company

ADDRESS P. O. Box 112, Salem, WV 26426

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112, Salem, WV 26426

SURFACE OWNER David Puth

ADDRESS Bethesda, MD

MINERAL RIGHTS OWNER Pennzoil Company

ADDRESS

OIL AND GAS INSPECTOR FOR THIS WORK Mike

Underwood ADDRESS Salem, WV 26426

PERMIT ISSUED May 28, 1987

DRILLING COMMENCED 9/10/87

DRILLING COMPLETED 9/14/87

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED
CN

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	30		
9 5/8			
8 5/8		1013	to surface
7			
5 1/2			
4 1/2		5578	500 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION

Depth of completed well 5650 feet Rotary / Cable Tools
Water strata depth: Fresh 900' feet; Salt feet
Coal seam depths: 280-288 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Benson, Alexander Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 411 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1575 psig (surface measurement) after hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours **OCT 26 1987**

Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Benson 5140-5146 Sand 80/100 5000 #, 20/40 50,000#

Alexander 5440-5515 Sand 80/100 5000#, 20/40 40,000#

RECEIVED
OCT 16 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fre and salt water, coal, oil and g
Top soil	0	40	
Red Rock	40	60	
Shale	60	81	
Red Rock	81	131	
Red Rock & Shale	131	280	
Coal	280	285	
Sand & Shale	285	828	
Sand	828	837	
Sand & Shale	837	2190	
Lime	2190	2270	
Sand, encumbered	2270	2340	
Sand & Shale	2340	2960	
Sand	2960	2970	
Sand & Shale	2970	5142	
Sand	5142	5155	
Sand & Shale	5155	5410	
Sand	5410	5525	
Sand & Shale	5525	5650 TD	
✓ Gamma Ray			
Big Lime	2190	2270	
Big Injun	2270	2340	
Gordon	2960	2970	
Benson	5142	5155	
✓ Alexander	5410	5525	

(Attach separate sheets as necessary)

Scott Oil Company
Well Operator
By: Sam Wright
Date: September 21, 1987

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic
detailed geological record of all formations, including
soil, encountered in the drilling of a well."



1) Date: May 8, 19 87
2) Operator's S-665 David Puth #3
Well No. 3546
3) API Well No. 47 017 County Permit

MAY 12 1987

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

4) WELL TYPE: A Oil Gas B (If "Gas", Production Underground storage Deep Shallow
5) LOCATION: Elevation: 1179 Watershed: Eldercamp Run
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 252
6) WELL OPERATOR: Scott Oil Co. CODE: 44315 DESIGNATED AGENT: Darrel Wright
Address: P. O. Box 112 P. O. Box 112
Salem, WV 26426 Salem, WV 26426

8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name: Mike Underwood 9) DRILLING CONTRACTOR:
Address: Route 2 Name: _____
Salem, WV 26426 Address: _____

10) PROPOSED WELL WORK: Drill deeper Drill Redrill Stimulate
Plug off old formation Perforate new formation

11) GEOLOGICAL TARGET FORMATION, Alexander/Benson
Other physical change in well (specify) _____
12) Estimated depth of completed well, 5650 feet
13) Approximate true depths: Fresh, _____ feet; salt, _____ feet.
14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	For drilling	Left in well		
Conductor	11 3/4		30'			
Fresh water						
Coal						
Intermediate	8 5/8			1000	to surface	Sizes <u>Per Rule 15.05</u>
Production	4 1/2			5600	500 sks	Depths set
Tubing						Perforations:
Liners						Top _____
						Bottom _____

OFFICE USE ONLY
DRILLING PERMIT

47-017-3546

May 28 19 87

Permit number _____

Date _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

16126

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof. May 28, 1989 unless well work is commenced prior to that date and prosecuted with due diligence. Permit expires _____

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plan: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>1017</u>	WPAP: <input checked="" type="checkbox"/>	SSE: <input checked="" type="checkbox"/>	Other: <input checked="" type="checkbox"/>
				<u>203</u>			

NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

